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**Assistant Commissioner for Patents**

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**Washington, D.C. 20231**

on 3-19-02

Marianne Boland  
Marianne Boland

In re application of: **Haese, et al.**

Art Unit: 2615

U.S. Serial Number: 10/025,948

Examiner: To Be Assigned

Filing Date: December 19, 2001

Our Reference Number: 401802-1010

Title: METHOD OF IMPROVING A SIGNAL IN A SEQUENCE OF IMAGES  
ACQUIRED WITH A DIGITAL COLOR VIDEO CAMERA

The following is a list of documents enclosed:

Return Postcard  
Information Disclosure Statement  
Form PTO-1449  
Cited Prior Art (5 References)

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

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In Re Application of:

Haese, et al.

Serial No.: 10/025,948

Filed: December 19, 2001



Group Art Unit: 2615

Examiner: To Be Assigned

Docket No.: 401802-1010

For: **METHOD OF IMPROVING A SIGNAL IN A SEQUENCE OF IMAGES  
ACQUIRED WITH A DIGITAL COLOR VIDEO CAMERA**

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☒ under 37 CFR 1.97(b), or  
(within Three months of filing national application; or date of entry of international application; or before  
mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement Under 37 C.F.R. 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever  
occurs first)
- ☐ under 37 CFR 1.97(d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the  
issue fee)

Enclosed is a check in the amount of \$-0-. Please charge \$ to deposit account . At any time during the  
pendency of this application, please charge any fees required to Deposit Account 20-0778 pursuant to 37 CFR 1.25. The  
Commissioner is hereby requested to credit any overpayment to Deposit Account No. 20-0778.

- ☒ Applicant(s) submit herewith *Form PTO 1449 - Information Disclosure Citation* together with copies of  
patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not  
be material to the examination of this application and for which there may be a duty to disclose in accordance with 37  
CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.
- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and  
other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in  
37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent  
is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English  
language version of the search report or action which indicates the degree of relevance found by the foreign office is listed  
on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention  
over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents  
may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport  
to offer.

This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**

By:

A handwritten signature in black ink, appearing to read 'R. P. Biddle', written over a horizontal line.

**Robert P. Biddle**

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Atlanta, Georgia 30339-5948  
770-933-9500



Form PTO-1449

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*Attorney Docket No.  
**401802-1010**Serial No.  
**107025,948**Applicant  
**Haese, et al.****APR 01 2002**Filing Date  
**December 19, 2001**Technology Center 2600  
**2615****U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	1	4,187,519	Feb. 5, 1980	Vitols et al.	358	169	
	2	5,870,154	Feb. 9, 1999	Conover et al.	348	673	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	3	FR 2 648 302 A1	12-14-90	FR	89 07676	H04N5/243		X
	4	EP 0 390 179 A1	10-3-90	EP	H04N	5/57, 5/20	X	
	5	EP 1 052 848 A1	11-15-00	EP	H04N	5/235	X	

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, etc.)*


\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED: